

Title (en)  
Battery powered device

Title (de)  
Batteriebetriebenes Gerät

Title (fr)  
Appareil alimenté par batterie

Publication  
**EP 1522865 A1 20050413 (EN)**

Application  
**EP 03450225 A 20031007**

Priority  
EP 03450225 A 20031007

Abstract (en)  
The invention concerns a battery-powered device (1) with at least one battery shaft (2) for two batteries (9) or storage batteries having device regulation electronics (4) to determine and display the state of charging of the batteries or storage batteries inserted in the battery shaft, in which a center contact (8) is provided in battery shaft (2), which is used to measure the individual voltages of batteries or storage batteries. <??>The invention is characterized in that during the use of a battery pack having regulation electronics, data transfer occurs with the battery-powered device (1) via center contact (8). <IMAGE>

IPC 1-7  
**G01R 31/36**

IPC 8 full level  
**G01R 31/36** (2006.01); **H01M 10/42** (2006.01); **H01M 10/44** (2006.01); **H01M 10/48** (2006.01); **H01M 50/204** (2021.01); **H02J 7/00** (2006.01)

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**G01R 31/3648** (2013.01 - EP); **H01M 10/4207** (2013.01 - EP US); **H01M 10/425** (2013.01 - EP); **H01M 10/441** (2013.01 - EP); **H01M 10/482** (2013.01 - EP US); **H01M 10/488** (2013.01 - EP US); **H01M 50/204** (2021.01 - EP US); **H02J 7/0048** (2020.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (applicant)  
• EP 0786821 A1 19970730 - SONY CORP [JP]  
• US 5646508 A 19970708 - VAN PHUOC DUONG [DE], et al  
• AT 408280 B 20011025 - AKG ACOUSTICS GMBH [AT]  
• US 6344730 B1 20020205 - ROHRBOECK RUPERT [AT], et al

Citation (search report)  
• [XY] EP 0786821 A1 19970730 - SONY CORP [JP]  
• [XY] US 5646508 A 19970708 - VAN PHUOC DUONG [DE], et al  
• [A] US 2003085621 A1 20030508 - POTEGA PATRICK HENRY [US]  
• [A] US 6157309 A 20001205 - MITSUI HIDERO [JP], et al  
• [A] US 6020743 A 20000201 - REEVES LARRY D [US], et al

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